

CLAIMS

1. (Currently Amended) A method of forming a filter unit comprised of a filter element and an encircling peripheral encasement frame to which the filter element is sealed ~~wherein the frame is moulded in situ by solidification of a liquid, solidifiable moulding composition provided around the periphery of the filter element.~~, comprising the steps of:

providing a pleated filter element having front and rear faces and a bounding peripheral edge,

locating around the peripheral edge of the element a mould unit which seals against peripheral regions of the front and rear faces and which together with the peripheral edge and marginal regions of the front and rear faces of the filter element defines a mould cavity, said mould unit having tapering projections that bite into said peripheral regions of the front and rear faces so as to cause a depression therein,

filling the mould cavity with a solidifiable, liquid resin composition,
effecting conversion of the liquid to a solid, and
removing the mould thereby producing the filter element.

2.-3. (Cancelled)

4. (Previously Presented) A method as claimed in claim 1 wherein the solidifiable, liquid moulding composition is a curable resin system.

5.-6. (Cancelled)

7. (Previously Presented) A method as claimed in claim 1 wherein the filter element is a H.E.P.A. filter element.

8. (Previously Presented) A method as claimed in claim 1 wherein the filter element comprises U.L.P.A. (Ultra Low Penetration Air) media, ASHRAE media or a ePTFE laminate.

9. (Previously Presented) A method as claimed in claim 1 wherein the filter element comprises a foam, pad or activated carbon.

10.-13. (Cancelled)